Substitu	te for form 1449A/P1	ro		Complete if Known			
•				Application Number	not yet assigned		
INFO	ORMATION	i Di	SCLOSURE	Filing Date	March 23, 2004		
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Liu, Hong		
				Art Unit	not yet assigned		
	(use as many sheets as necessary)			Examiner Name	not yet assigned		
Sheet	1	of	3	Attorney Docket Number	021288-002610US		

 				U.S.	PATENT DO	CUME	NTS+			
		Document Nu	ımber					1		
Examiner Initials*	Cite No.1	Number Kind Code ² (if known)		Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
3/13	1	US-4,499,	295	02-12-1985			Mueller et al.			
A	2	US-5,374,623		12-20-1994		Z	mmerman et al.	L		
7	3	US-5,574,064		11-	12-1996		Shibata et al.			
	4	US-5,691,	368	11-	25-1997		Peet et al.			
	5	US-5,723,	469	03-	03-1998		Shibata et al.	<u> </u>		
	6	US-5,849,	711		15-1998		Tung et al.	<u> </u>		
	7	US-5,858,	982		12-1999		Tung et al.			
	8	US-5,916,	887		29-1999		Singh et al.			
	ø	US-5,998,	470		07-1999		Halbert et al.	<u> </u>		
	10	US-6,004,	933		21-1999		Spruce et al.	<u> </u>		
	11	US-6,030,	946		29-2000		Klaus et al.	ļ		
	12	US-6,057,	362		02-2000		Yamashita			
	13	US-6,232,	342 B1	L	15-2001		Carr et al.	ļ <u>.</u>		
	14	US-6,274,	336 B1		14-2001	Ab	del-Meguid et al.	<u> </u>		
	15	US-6,331,	542 B1	1	18-2001	Carr et al.		<u> </u>		
	16	US-6,353,			05-2002	Altmann et al.		<u> </u>		
	17	US-6,369,			04-09-2002		Marquis et al.		····	
	18	US-6,395,		05-28-2002		Cywin et al.		<u> </u>		
	19	US-6,420,		07-16-2002		E	mmanuel et al.		,	
THO	20	US-6,455,	502 B1	09-	24-2002	Bryant et al.				
			·					<u> </u>		
					 					
				FOREIC	SN PATENT	DOCL	MENTS			
		Fo	reign Patent Docume	int .					Pages, Columns, Lines, Where	
Examiner Initials*	Cite No.1	No.¹			Publication MM-DD-YY				Relevant Passages or	
4.		Country Code	Number ⁴	Kind Code ⁶ (if known)	_				Relevant Figures Appear	T⁴
1/40	21	wo	98/00171	A2	01-08-19	98	Redcell Canada Ir	nc.	1 1	
		+					Boehringer Ingelh			
	22	wo	00/51998	A1	09-08-20	00	Pharmaceuticals,	Inc.		
	23	wo	01/09110	A1	02-08-2001		Pharmaceuticals, Inc.			
	24	wo	01/19816	A1	03-22-2001		Boehringer Ingelheim Pharmaceuticals, Inc. Ortho McNeil Pharmaceutical			
	25	wo	02/14314	A2	02-21-2002		Ortho McNeil Pharmaceutical, Inc. Ortho McNeil Pharmaceutical.			
	26	wo	02/14315	A2	03-32-20	02	Inc.			
<u>'\</u>	27	wo	02/14317	A2	02-21-20		Ortho McNeil Pha Inc.	maceutical,		
1/	28	wo	02/051983	A2	07-04-20		Celera	<u> </u>		
N.	29	wo	02/070519	A1	09-12-20		PE Corporation			
ווען	30	wo	98/50534	A1	11-12-19	98	Smithkline Beecha	am Corp.		
Examiner Signature	-		1/01/			Date Consid	ered Ma	d 2019	,	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. If Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Substitu	ute for form 1449.	A/PTO		Complete if Known			
				Application Number	not yet assigned		
INF	ORMATIC	ON DI	SCLOSURE	Filing Date	March 23, 2004		
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Liu, Hong		
				Art Unit	not yet assigned		
	(use as many sheets as necessary)			Examiner Name	not yet assigned		
Sheet	2	of	3	Attorney Docket Number	021288-002610US		

	_			U.S. F	PATENT DO	CUME	NTS+		
		Document No	umber						Outros Have Mon
Examiner Initials*	Cite No. ¹	Number Kind	Code ² (if known)		zation Date DD-YYYY		ame of Patentee or cant of Cited Document		, Columns, Lines, Where int Passages or Relevant Figures Appear
No	31	Wo	02/070517	A2	09-12-20	02	Merck Frosst Canad	a & Co.	
不	32	wo	02/069901	A2	09-12-20	02	Merck Frosst Canad al.	a & Co. et	
	33	WO	00/48993	A1	08-24-20	00	Novartis AG		
1	34	wo	03/013518	A1	02-20-20	03	Smithkline Beechart	Corp.	
N	35	wo	01/09110	A1	02-08-20	01	Boehringer Ingelheir Pharmaceuticals, In-		
/ / / 0	36	wo	03/020287	A2	03-13-20	03	Novartis AG		

	Λ		
Examiner Signature	1.01	Date Considered	Mark 2005

Substitute	for form 1449	B/PTO		Complete if Known			
				Application Number	not yet assigned		
		_	CLOSURE	Filing Date	March 23, 2004		
STAT	LEWEN.	T BY A	PPLICANT	First Named Inventor	Liu, Hong		
				Art Unit	not yet assigned		
(use as man	y sheets as	s necessary)	Examiner Name	not yet assigned		
Sheet	3	of	3	Attorney Docket Number	021288-002610US		

NON PATENT LITERATURE DOCUMENTS								
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	τ,					
ho	37	BANIA, J. et al.: "Human cathepsin S, but not cathepsin L, degrades efficiently MHC class II- associated invariant chain in nonprofessional APCs" PNAS; Vol. 100, No. 11; pp. 6664-6669 (May 27, 2003)						
		·						
			ľ					
								
_			T					

		/			
Examiner Signature	And	-/ .	01	Date Considered	March 2015

EXAMINER: Initial if reference considered, whether or not distion is in conformance with MPEP 609. Draw line through distinct if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique distinct designation number (optional). Applicant is to place a check mark here if English language Translation is attached.